

RECOMMENDED PLUG & ABANDON PROCEDURE

1. Notify NMOCC of intent to plug and abandon 5 days before operations begin.
2. Pull and lay down rods and pump.
Check for tubing leak.
3. Pull tubing up and spot Class "C" cement plugs as follows:

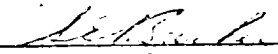
<u>Sacks</u>	<u>Depth</u>	<u>For</u>
30	3675-3800	Above the producing zone
20	2700-2800	Below the Salado (at top of Yates)

Pump all plugs down with mud consisting of 25 sacks gel per 100 barrels brine, and tag all plug tops with pipe.

4. Pull tubing. Determine freepoint of 5-1/2" casing (TOC at 1450' by Temperature Survey), cut off, and pull. Run tubing and spot Class "C" cement plugs as follows:

<u>Sacks</u>		<u>Depth</u>	<u>For</u>
40	*	1400-1500	Below the Santa Rosa, above the Salado, and across the 5-1/2" casing cut.
35		275- 375	Below the Ogallala and across the 8-5/8" casing seat.
10		Surface	

5. Set well marker and clean up location. Call NMOCC to inspect.


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*A 100' plug is required between 1250' and 1485' (below the Ogallala and above the Salado) and across the 5-1/2" casing cut. Adjust this plug to meet these requirements. Two plugs may be expedient, if the casing is cut above 1300'.

LNP/ptg
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